

REMARKS

Applicants have now had an opportunity to carefully consider the Examiner's comments set forth in the Office Action of June 19, 2009.

Reconsideration of the Application is requested.

Interview Summary

Applicants gratefully acknowledge the telephone interview on September 10, 2009 with the Examiner. The Examiner's Interview Summary was received by Applicants on September 14, 2009. Applicants agree with the Examiner's observations therein and note that subsequent to that date, Applicants submitted additional proposed claim changes to the Examiner which are reflected in the present claims. The claims were amended to more clearly recite that the bulk power supply feeds two or more, fieldbuses, and that the connection is made to the bulk power supply via the power supply converter and power conditioner. In this instance, this arrangement is understood to mean that there is a connection between the bulk power supply and the power supply converter, and the power converter converts the bulk power supply, which is then conditioned by the power conditioner for the associated fieldbus.

**Independent Claims 1, 13, 20 And 23 Are Distinguished
from The Cited Art**

Applicants supplied the Examiner with the attached Figures 1 and 2. These Figures were provided to clarify the differences between the present application as claimed, and the main reference Davis ('268). It is submitted the claim changes are useful in clarifying that the bulk power supply 1 of the present application supplies power to a plurality of fieldbuses 8a-8n, and that each of the fieldbuses have common mode and/or differential mode signal injection and/or signal detection points positioned at particular locations that allow monitoring transceiver 17 to monitor for physical layer diagnostic data. The particular data monitored being dependent upon where those points are located. For instance, in newly-amended claim 1, the first points of the common mode and/or differential mode signal injection and/or signal detection points is located between the bulk power supply and the power supply converter of the various

fieldbuses. And then a second set of points are located between the power conditioner and a fieldbus trunk part of each of the two or more fieldbuses.

The other independent claims 13, 20 and 23 also recite language which distinguish the subject matter of these claims from Davis '268.

It is respectfully submitted that Avarya '578 does not teach the now-differentiated aspects of Davis.

For these reasons, it is submitted the above combination do not teach or fairly suggest independent claims 1, 13, 20 and 23.

As dependent claims 2-9, 11-12, 15, 16, 18, 19, 22 and 24 further distinguish these independent claims, it is submitted they are also not taught.

Amendment To The Specification

Applicants have amended the specification that the monitoring transceiver 17 is provided in operative contact with the detection points 2, 4, 6 and 7 via connection arrows 18, 10, 12 and 13, respectively. Applicants have amended the specification to reflect this language on page of the original of the original application, which corresponds to paragraph [0023] of the published U.S. Application No. 2007-0124111-A1.

CONCLUSION

For the reasons detailed above, it is submitted all remaining claims (Claims 1-9 and 11-13, 15-20 and 22-24) are now in condition for allowance. An early notice to that effect is therefore earnestly solicited.

Remaining Claims, as delineated below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT LESS HIGHEST NUMBER PREVIOUSLY PAID FOR		(3) NUMBER EXTRA
TOTAL CLAIMS	20	- 21 =	0
INDEPENDENT CLAIMS	4	- 4 =	0

This is an authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for extension of time, as incorporating a petition for the appropriate extension of time.

The Commissioner is hereby authorized to charge any filing or prosecution fees which may be required, under 37 CFR 1.16, 1.17, and 1.21 (but not 1.18), or to credit any overpayment, to Deposit Account 06-0308.

In the event the Examiner considers personal contact advantageous to the disposition of this case, he/she is hereby authorized to call Mark S. Svat, at Telephone Number (216) 363-9000.

Respectfully submitted,

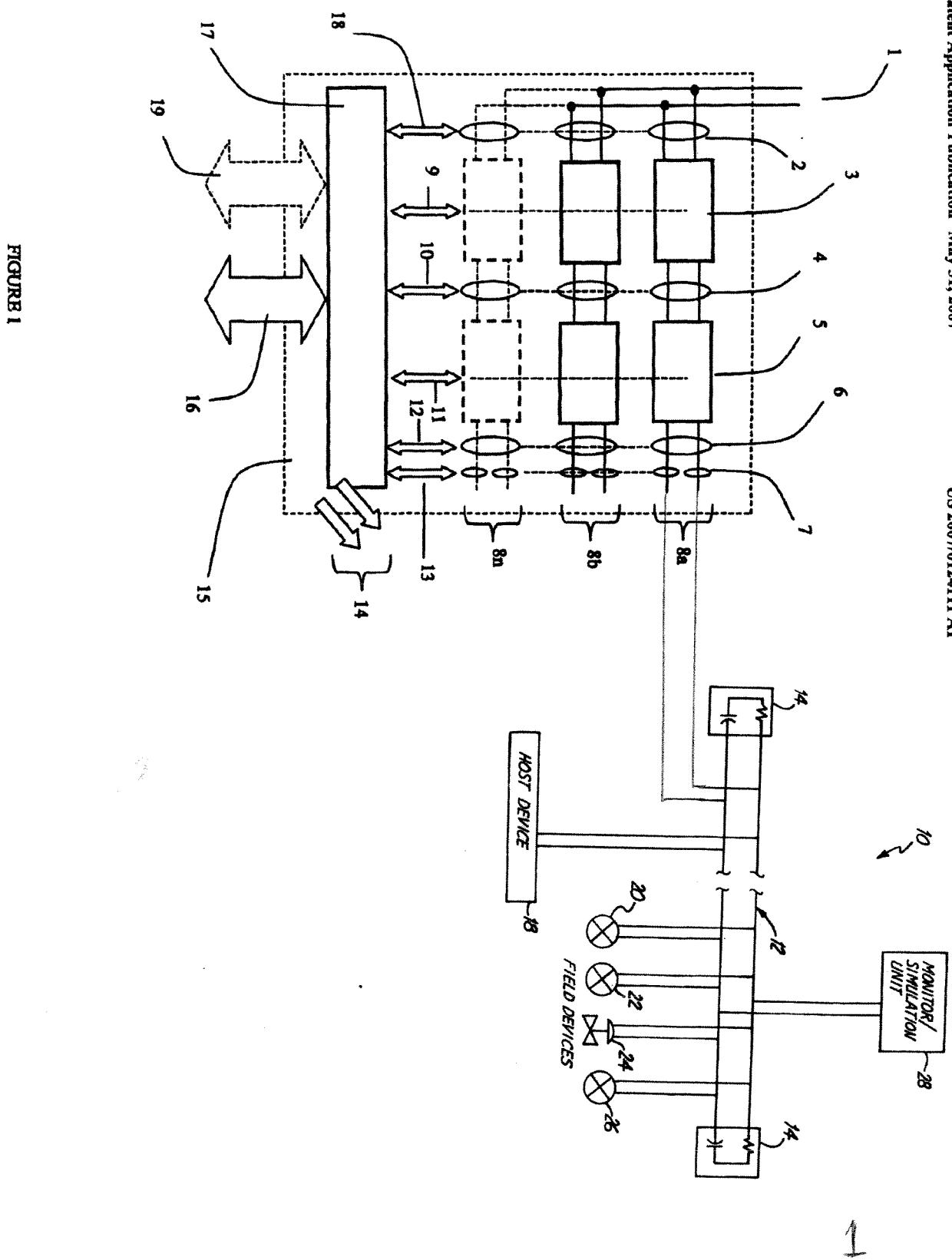
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9-21-09

Date

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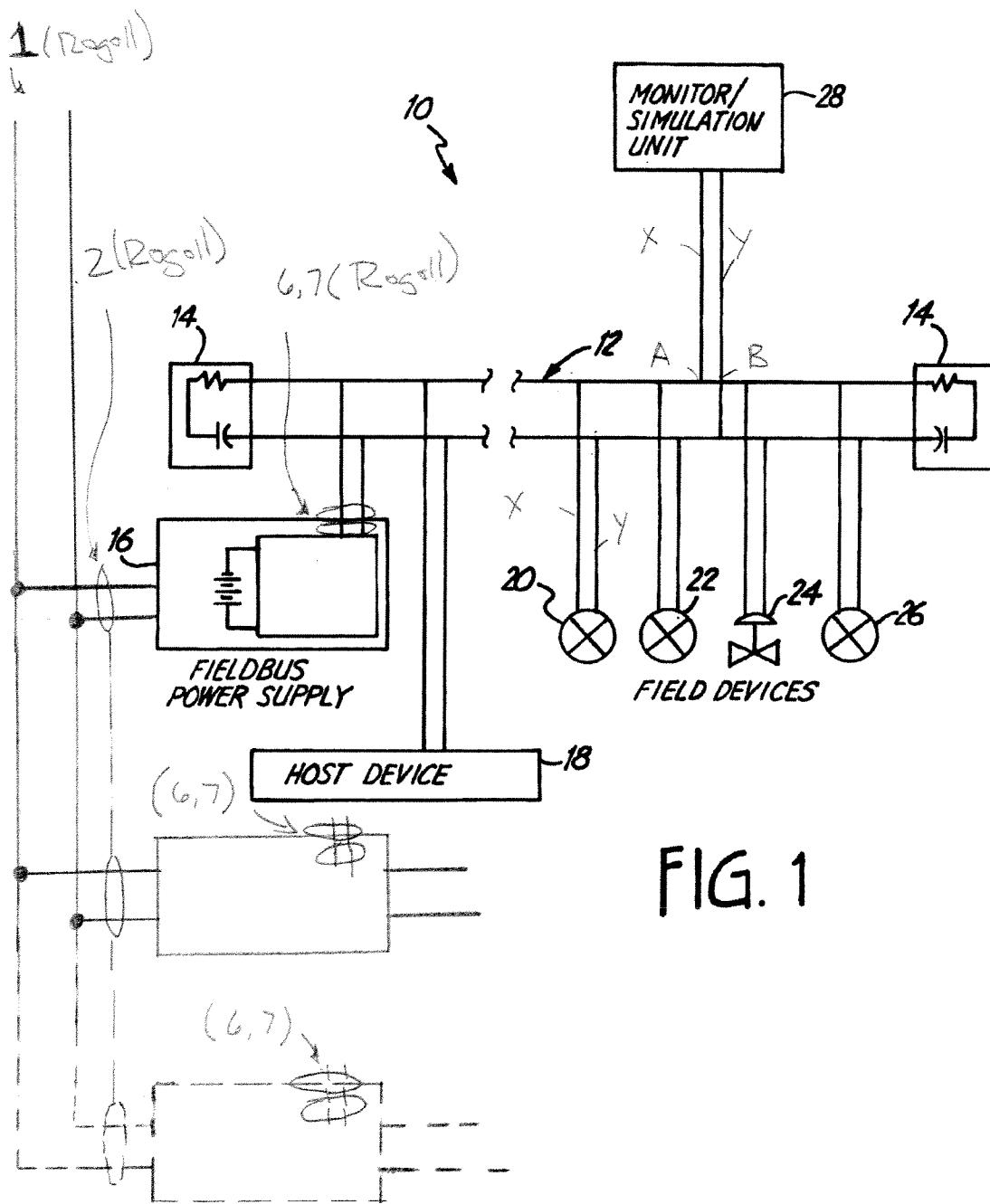


FIG. 1

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